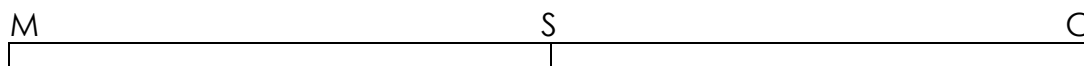


## Unit 1

1. One year Maria and Sonia send greeting cards. Altogether they send 25 cards. Maria sends 7 more cards than Sonia. How many cards does each girl send?
2. Troy and Suzy are collecting trading cards. Together they have 64 cards. Troy has 6 more cards than Suzy. How many cards does each have?
3. Jill has 369 blocks. She put the same number in each of two bags and had 27 left. How many did she put in each bag?
4. It is 23 kilometers from Millville to Corning. Sparta is between Millville and Corning. It is 14 kilometers from Millville to Sparta. The towns are on the same road. How far is it from Sparta to Corning?



It is 18 kilometers from Canton to York. Milford is 9 kilometers from York. York is between Canton and Milford. The towns are on the same road. How far is it from Canton to Milford?

It is 86 kilometers from Avon to Camden. Bern is on the highway between Avon and Camden. The distance from Bern to Avon is 38 kilometers. Denton is halfway between Avon and Bern. The towns are on the same road. How far is it from Denton to Camden?

Each admission ticket for a concert cost \$25. A total of \$30,000 was collected from ticket sales for Saturday and Sunday. If 300 more tickets were sold on Sunday than on Saturday, how many tickets were sold on Sunday?

A painter has to paint a 35m-long wall. He painted 8m in the first hour and twice this length in the second hour. How many more meters of the wall must he paint to complete the job?

Rina and Irene went shopping for clothes. Rina bought 6 pairs of shorts and 4 T-shirts for \$210. Irene bought 9 pairs of shorts and 6 T-shirts. How much did Irene spend?

Peter has \$200 in \$5 and \$10 notes. There are 4 more \$5 notes than \$10 dollar notes. How many notes of each kind does Peter have?

There were 3 times as many oranges in Box A as in Box B. Box B contained twice as many oranges as Box C. If the total number of oranges was 72, how many more oranges were there in Box A than in Box C?

A group of shoppers entered Ikea furniture store as soon as it opened at 10 am. By noon, there were 3 times as many shoppers as at 10 am. By 1pm, when 24 more shoppers came in, there were 360 people in the store. How many people entered the store at 10am?

8 sandwiches and 8 chicken pies cost \$24. 3 chicken pies cost as much as 2 sandwiches. If Jack had only \$15 to buy an equal number of chicken pies and sandwiches, how many sandwiches and chicken pies can he get?

Ali had 14 more 5-dollar bills than 10-dollar bills in his wallets. He paid \$430 for a mobile phone with some of his 5-dollar bills left. How much money did Ali have left?

Willy and Nellie were given an equal amount of money. Each day Willie spent \$15 and Nellie spent \$20. When Willie had \$78 left, Nellie had only \$23 left. How much money was given to each of them?

Troy and Suzy are collecting trading cards. Together they have 64 cards. Troy has 6 more cards than Suzy. How many cards does each have?

The product of three numbers is 6782 and their sum is 57. What are the three numbers?

If 10 people attend a party and all shook hands with one another, how many handshakes would be exchanged?

There are 33 students in a homeroom. 25 like hockey and 19 like soccer. Eleven like hickey but not soccer. How many do not like either sport?

There are 80 students in the fifth grade. 24 are on the math team and 45 are on a hockey team. Six students are on both teams. How many students are not on either team?

Twenty-eight slices of pizza cost \$12. How much would 70 slices cost?

Tommy collects baseball cards. For every card that has a pitcher on it he had 9 that do not. If Tommy has a total of 360 baseball cards, how many of them are of players who are not pitchers?

Chan's photo lab had some stools with 3 legs and some chairs with 4 legs. There are more chairs than stools. If there is a total of 26 legs on the stools and chairs, how many stools are in Chan's lab?

A school club had \$100. They spent \$25 on each of three trips and \$15 on supplies. What fraction of the \$100 did they have left? Now write the fraction as a decimal. Draw a picture to show your thinking.

You have boxes that will hold 1 candy bar, 3 candy bars, 9 candy bars, and 27 candy bars. If each box must be packed full, what is the fewest number of boxes you need to hold 257 candy bars?